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(54) Title: MULTI-VIEW HEAD-UP SYNTHETIC VISION DISPLAY SYSTEM

(57) Abstract: Systems and methods for providing an enhanced head up display to an aircraft pilot are disclosed. According to a first aspect of the present invention, a system for increasing pilot situational awareness is disclosed. The system includes a navigational component that determines one or more of an aircraft location and attitude. The system also includes a scene generator that produces one or more virtual images of the space into which the aircraft is flying based, at least in part, on the aircraft location and/or attitude. The system further includes one or more head up displays that display the one or more virtual images to facilitate increasing pilot situational awareness. Other systems and methods for providing an enhanced head up display are also disclosed.

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